



Quick Install Guide

**For detailed installation instructions refer to the
“install manual. PDF” on the driver CD.**



Die ge-nauen Instal-lierungs-anwei-sungen finden Sie unter
“install manual. PDF” auf der Trei-ber-CD.



Pour des instructions d'installation détaillées, consultez le fichier
“install manual. PDF” sur le DC du pilote.



Consultare il “manuale d'installazione. PDF”, registrato sul CD del driver,
per le istruzioni dettagliare su com'effettuare l'installazione.



Para obter instruções de instalação detalhadas consulte o
“install manual. PDF” no CD do driver.



Para obtener instrucciones detalladas sobre la instalación, lea el archivo
“install manual. PDF” en el CD del controlador.

Preparing Your System For Installation

*For more detailed installation instructions please refer to the “install manual. pdf” on the BFG driver CD. If you have any installation problems please contact our technical support which is available 24 hrs 7 days a week. In the US and Canada call toll-free 1-866-BFG-FIXX (234-3499). Outside the US call (toll call, charges apply) 00 + 1-630-637-2459. E-mail at support@bfgtech.com

Step 1

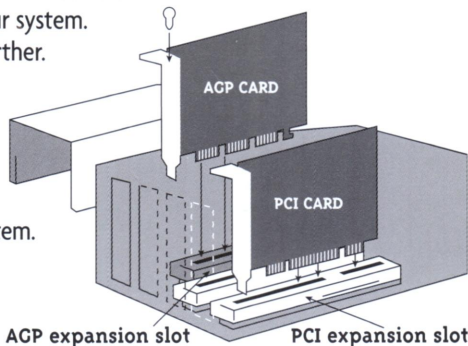
Important If you are replacing an existing graphics card with your new BFG card, you must first uninstall the current drivers for that graphics card! Please consult your system or graphics card provider for instructions. Most often the task can be accomplished through the “Add/Remove Programs” feature in “Control Panel” look for your graphics card drivers and click “Remove”. Skip to Step 2.

Important If you are adding your new BFG card to a system with integrated on-the-motherboard graphics you must disable the integrated graphics first. The most effective method is to disable it in the BIOS. Please contact your system or motherboard manufacturer as the method can vary a great deal. Detailed instructions are available in the full install manual on the BFG Driver CD.

Step 2 Turn off the system and monitor. Disconnect the power cord and the monitor cable from your system. Ground yourself before you proceed any further.

Step 3 Lay the system on a flat surface with the motherboard at the bottom and remove the system cover. You may need to consult your system manual for instructions. Remove the old graphics card from your system.

For BFG GeForce graphics cards w/power connectors skip to step 4b (not all cards require power).



Step 4a Identify the type of BFG Graphics card that you have (AGP or PCI). Choose an open slot on the motherboard (see diagram). You may need to remove the metal cover from the empty expansion slot. Skip to step 5.

Step 4b Cards requiring a power cable will have one or two 4-pin connectors on the right edge of the card (see figure 1). Some AGP models require that the adjacent PCI slot is open. You may need to remove the cover(s) from the empty expansion slots(s) to allow for insertion. If your card has one connector follow One Connector Instructions, if your card has two connectors follow the Two Connector Instructions.

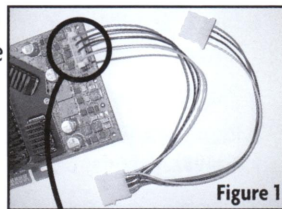
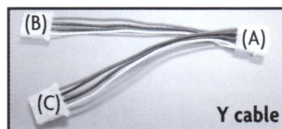


Figure 1
Power connector on card

One Connector Instructions

1. Locate an available 4-pin peripheral power connector from your internal power supply and plug it (*see note) directly into the connector on the upper right hand edge of the BFG card.
2. If you do not have an available power connector, use the included Y cable to supply power.
 - a. Disconnect the 4-pin peripheral power cable from the hard drive located closest to the BFG card.
 - b. Plug this cable into the input end (A) of the Y cable.
 - c. Plug one 4-pin peripheral connector (B) into the connector on the upper right hand corner of the BFG card.
 - d. Plug the other 4-pin peripheral connector into the hard drive which was disconnected in step a.



Y cable

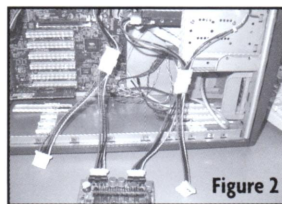


Figure 2

Two Connector Instructions

1. Each connector **REQUIRES** its own power cable. This cable may share power (see figure 2) with another device such as a hard drive or CD/DVD-ROM drive, **however you CANNOT split the power from one power supply cable between the two connectors on the graphics card (figure 3).**
2. If you have two available 4-pin peripheral power connectors (not on the same cable) you may plug each (*see note) directly into the connectors on the right edge of your BFG card. If you only have one available 4-pin peripheral power connector plug it (*see note) into one of the connectors on your BFG card and use one of the included Y cables and follow steps (a-d) below for the second connector. If you have no available 4-pin peripheral power connectors use both of the included Y cables and follow steps (a-d) below for each connector on your BFG card.

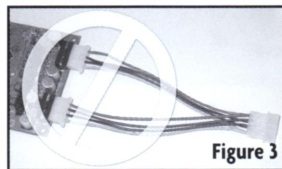


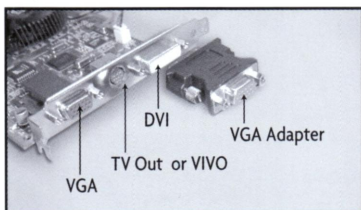
Figure 3

- a. Disconnect the 4-pin peripheral power cable from the hard drive or CD/DVD-ROM located closest to the BFG card.
- b. Plug this cable into the input end (A) of the Y cable.
- c. Plug one 4-pin peripheral connector (B) into one of the connectors on the right edge of the BFG card.
- d. Plug the other 4-pin peripheral connector into the hard drive or CD/DVD-ROM drive which was disconnected.
- e. Repeat if necessary for the second connector.

***Note – Not all models require power cables**

***Note – 4-pin peripheral power connectors have a flat bottom and an angled edge on the opposite side and will only fit one way. Never force the connectors together as permanent damage may occur!**

Step 5 Align your new BFG card with the expansion slot(s) and press it firmly until the card is fully seated. If your system has an AGP retention mechanism make sure it “clicks” into place. Secure the new card in place with either the slot cover screw(s) or retention arm. Replace the system cover. Plug the monitor cable into your card (VGA or DVI-to-VGA adapter



for analog monitor or DVI directly for digital monitor) and reconnect the power cord to you system. If connecting a second monitor to a card with a DVI connector, you may connect a digital monitor directly to the DVI connector or use the included DVI-to-VGA adapter for analog monitors. Power on your system.

Step 6 In Windows XP/2000 click “cancel” if the New Hardware Wizard appears and go to the next step. In Windows 98/ME keep clicking “Next” until the wizard is complete. Click “Finish” and restart the computer.

Install The Software

Step 7 Wait until Windows loads then insert the BFG Driver CD into your CD/DVD-ROM drive.

Step 8 The CD will auto-run and bring up a menu of options. If the CD does not automatically start click **“Start”** > **“Run”** and type **“D:\autorun.exe”** without the quotation marks and where D is the drive letter of your CD or DVD drive.

Step 9 Click on **“Install Drivers.”** Follow the on-screen instructions to install the graphics card drivers. If a message appears stating that this driver has not passed logo testing select yes to continue the install. If prompted to restart select yes.

Setting Up nView (Multiple Monitors)

Step1 Running The Wizard

If you already have two display devices (monitor, TV, etc.) connected to your BFG graphics card (and powered on), the **Multi-Display Setup Wizard** will automatically launch when re-starting your system after the driver installation is completed. Follow the step-by-step instructions to take full advantage of the multi-display environment.

OR

If you have a single display device (monitor, TV, etc.) connected to your BFG graphics card (or cancelled out of the wizard at first start-up) the **Multi-Display Setup Wizard** will not launch and must be activated from the Control Panel. Follow these steps to gain access to the Setup Wizard. Connect your second display device and power it on.

1. Entering the Control Panel:

- a. In Windows 2000 or XP Click **“Start”**>**“Control Panel”** then double click the **“NVIDIA nView Desktop Manager”** icon.
- b. In Windows 98, ME, or NT click **“Start”**,**“Settings”**>**“Control Panel”** then double click the **“NVIDIA nView Desktop Manager”** icon.

2. Click **“Enable”** under nView Desktop Manager. This will also add an **“nView Properties”** option to the pop-up menu when right clicking on the desktop.
3. You may now start the Setup Wizard by clicking the **“Setup Wizard”** button.
4. To access the Setup Wizard at a later time simply right click on the desktop and select **“nView Properties”**.

Once the Setup Wizard starts follow the step-by-step instructions to take full advantage of the multi-display environment that nView offers.

Step2 Selecting Your TV Format

After the wizard is complete please follow these steps to set the TV format for your country.

1. Right click on an empty spot on the desktop and select “**Properties**” then “**Settings.**”
2. Click on “**Advanced**” and then the “**GeForce**” tab.
3. Click the “**nView**” option in the upper left of the “**GeForce**” tab.
4. Select your desired nView mode.
5. Right click on the TV icon and click on “**select TV format.**”
6. Choose the TV format for your country.

Quick Troubleshooting

***FOR MORE DETAILED TROUBLE SHOOTING SEE THE “INSTALL MANUAL.PDF”
FILE ON THE DRIVER CD**

Issue: After installing the new BFG card on a system with integrated graphics it will not boot into windows or it produces error messages.

Solution: The integrated graphics solution needs to be disabled on your motherboard. Please consult the documentation that came with your system or motherboard for the proper procedure. The most common methods are:

- In the BIOS – disable on-board graphics or set to auto.
- In the Device Manager in Windows – boot to safe mode first (hold down the F8 key while booting) right click and disable the on-board graphics.
- Jumpers on the motherboard – consult the documentation that came with your system.

Issue: The device drivers have installed successfully, however upon rebooting Windows an error message states that the display device is not functioning properly.

Solution: Most often this is caused by an IRQ or other resource conflict. Some motherboards have an option in the BIOS to “**Assign IRQ to VGA**” to be enabled. If so, ensure that this is “**Enabled**” and save the changes to the BIOS and reboot. For additional information on motherboard settings check with the manufacturer of your system or motherboard.

Issue: A short series of beeps sound when booting up and the monitor remains black.

Solution: The beeps indicate that the video card cannot be initialized. The most common causes are:

- The video card not being fully seated in its slot – re-seat the card pressing down firmly.
 - There is a problem with the slot on the motherboard – contact the motherboard manufacturer.
 - There is a problem with the video card – contact BFG Tech Support.
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Issue: You experience frequent lock-ups, crashes, or poor performance after installing an AGP BFG card.

Solution: Download and install the most recent AGP mini-port drivers for your motherboard. Consult the manufacturer of your system or motherboard.

You can also try visiting the following websites if you know your motherboard and chipset type.

AMD – www.amd.com then follow the Technical Resources link

Intel – www.intel.com/support/motherboards/desktop/index.htm

NVIDIA – www.nvidia.com/content/drivers/drivers.asp

VIA – www.viaarena.com and follow the drivers link

SiS – www.sis.com and click Support & Downloads

ALI – www.ali.com.tw/eng/support/support.htm

Issue: Frequent lock-ups or crashes to the desktop in games running OpenGL or DirectX.

Solution: Re-install DirectX and the game having problems, install all patches and updates to the game. Verify that all hardware devices are using the most recent drivers, such as audio card, chipset, and AGP mini-port. If you continue experiencing problems, try moving your computer to an open area for better ventilation. You may also wish to clean the inside of your computer by removing any built-up dust to ensure optimum airflow and reliable operation.

Issue: While running Windows 98/ME an “out of memory” error displays even though you have more than 512MB of memory.

Solution: Windows 98/ME is limited to 512MB of system memory. Reduce the memory amount to remain at or below 512MB.

Issue: My new BFG card has TV out yet nothing appears on the TV display.

Solution: Remove any device connected between the video card and TV (such as a VCR) and power on the TV before booting up the PC system. Right click on the desktop and select “**Properties**” > “**Settings**” > “**Advanced**” > “**nView Display Mode**” > “**Device Settings**” > “**Select Output Device**” and select “**TV**”.